



CROSS

KIRKLAND
CORRIDOR

NEXT STEPS PREVIEW:
DESIGN GUIDELINES & PRINCIPLES and MORE
DRAFT

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NEXT STEPS PREVIEW

Design Guidelines & Principles

As the next steps of master plan development we will prepare design guidelines that will establish physical project parameters based on the overall vision and goals adopted for the corridor. This work will run through mid-October parallel to Task 6.0 - Conceptual/ Development Plan Alternative. This document is an outline of what the guidelines and principles will address as well as a preview of some of the work underway. Preface: This is very much an in-process document and work is subject to change!

Trail Guidelines and Standards:

We will be summarizing standards to be used on the corridor, acknowledging existing standards (city, county, AASHTO, NACTO) and noting our site-specific approaches to different areas.

(In progress:)

Trail Crossings: Best management practices to assure safe crossings as well as a vibrant cultural trail.

For trail crossings (of roads):

Perpendicular crossings to minimize exposure to vehicles.

- 20-foot minimum clearance straight sections approaching crossings (chicanes are not encouraged).
- Sight distance: Optimize views of approaching traffic from trail.
- Provide clear edge definition at the point which a trail user enters a roadway and should be on high alert.
- Bike/pedestrian mixing/separations: Crossing may be designed to keep bikes and pedestrians separate but parallel, or create crossings as a mixing zone. This decision is influenced by adjacent conditions (if bikes and pedestrians are already separated). Preliminary reaction of the team is to mix bikes and pedestrians in intersections because trying to provide safe vehicular crossing while separating bikes and pedestrians would create too many movements to manage successfully.
- Use material colors and textures to create friction and alert trail users of intersections.
- Consider vertical and overhead elements to create visual friction and alert trail users of intersections.
- Consider grade separation scenarios as an alternative.

For trail access points (pedestrian):

- Improve access point to corridor from adjacent public realm (predominately ROW).
- Develop private corridor access approach, particularly for larger populations along the corridor, notably office parks.

For motorists:

- Sight distance: Use signage and vegetation management (pruning or removal) to warn motorists ahead of trail.
- Vehicle speed: Use traffic calming strategies near or approaching trail; consider center median and other elements that create friction and intuitively slow traffic.
- Use MUTCD guidelines and ADT to determine appropriate trail crossing strategies.

Typical Corridor Cross-Sectional Studies/ Typologies

The team will develop typical sections reflective of most corridor conditions (pinch points, cross slopes, etc.) to display different transportation uses, near term and long term. This may include light rail, bus rapid transit, bike and pedestrian users as well as existing and future utilities. These sections will be developed with and be reflective of alternative options.

Written and graphic guidelines will be developed for different typologies

The team will develop different narrative and/or graphic vignettes conveying approach to trail crossings and intersections; trail access points from adjacent right-of-way; trail access for adjacent properties; trailhead locations; typical trail material(s) and signage characteristics; approaches to lighting; typical fencing and railing needs; seating, parking, and public art and integration.

(In progress)

Parking: As we are developing a strategy for parking associated with the corridor, we are asking:

- How much parking, if any, do we want to address as part of the CKC project?
- What opportunities exist for shared parking reservoirs?
- Where might we want to consider parking?

Adjacent Development

We will make recommendations, at a conceptual level, on how adjacent development in near and long term can activate and address the corridor edge, possibly including architecture massing, setbacks and activation.

Beyond Guidelines and Principles

In addition to the work in Guidelines and Principles, we are beginning to generate a written narrative and guidance to shape the experience and aesthetic of the master plan as we move toward developing Task 6.0 - Conceptual/ Development Plan Alternatives.

Character zones

The corridor has several unique character zones (see Task 2.0 - Understanding the Corridor) as it passes through the city. These zones are not strictly bound by neighborhood and planning boundaries, but their characters provide a framework to build corridor character and identity.

For the purposes of this document we are submitting a very early framework for the "Buzz Zone" that has been accelerated in order to collaborate with the Google Development team:

Buzz Zone (*In progress*)

Buzz Zone influences:

- Uniquely located between the naturalistic sections of the Houghton Porch and Everest Edge, it is a juxtaposition charged with both commercial and business activity.
- Enhance and create connections: The CKC will both enhance and forge new connections between the neighborhoods along its route. These connections will create a network of trails, streetscapes, and greenways that will tie the city to the corridor.
- Attitude: Home to Kirkland's industry, what was always an industrially inspired town is again home to the new industries shaping our world.
- Embrace juxtaposition: In creating a corridor that will surprise and inspire people, it is important to embrace juxtaposition. With the many rich characters along the corridor, the design will not simply seek to replicate a character, but seek opportunities to introduce elements that may be in juxtaposition to that character. In doing so, the juxtaposition highlights the unique character of the space by forming a contrast which comes as unexpected yet welcomed surprises along the corridor
- Catalyst for commerce

NEXT STEPS PREVIEW

Design Guidelines & Principles

Character inspirations

- Cut orthogonal stone
- Complex wood product assemblies
- Mathematic formulas
- Code
- Juxtaposition – crafted
- NOT tomorrow land!

Program

Art

- Ephemeral
- Integrated and permanent
- Limited stand-alone pieces

A place to create

- I leave something behind...ephemeral
- Engage...magnetic
- New media... (Google sponsored tomorrow land)

Play (not playground)

- Integrated
- Limited structure interwoven into whole

Recreate/compete (shared space with Google)

- Bocce
- Climbing wall
- Ropes course (appropriate)
- Court

Escape

- Open space
- Eddies

Gateway

- To Buzz Zone
- Under, to Houghton, Everest, Moss Bay and Lakeview

Cross connection

- Through the campus

Commercial activation

- Edge condition: Engage the corridor
- CBD connector/integrator

Light!

- The active nature of this portion of the corridor suggests it is a unique opportunity for significant lighting as an attraction and for function; keep this section of the corridor vibrant and attractive well into evenings, year round.

Corridor ecology

- In the context of the whole corridor the Buzz Zone is a contrast to more naturalistic areas, with an emphasis on human activity. While ecology will be part of the buzz zone, it is not a dominant characteristic.

Trail Profiles at Buzz Zone:

Minimal trail conditions

- Primary trail: Shared-use trail (multi-use trail) – 16-foot total width (12+2+2), 12-foot minimum paved, greater at friction zones.
- Secondary trail: Adjacent – 8-foot minimum width, soft ADA trail or paved as appropriate.
- Fire lane: 20-foot minimum width with appropriate geometries. Achieved in tandem with either primary or secondary trail; variable surface as required to meet loading needs.

A Corridor of Deep Green

We will be expanding on opportunities to make the CKC the “the Greenest Corridor,” including:

- Identify sustainability metrics by which the corridor can be measured.
- Integrate stormwater management strategies and elements (identify opportunities).

